I363.17
CHEM2
c. 3

18068375

Chemical Hazards in the Home

ILLINOIS DOCUMENTS
APR 18 1989
ILLINOIS STATE LIBRARY

Product	Possible Hazards	Disposal Suggestions	Precautions and Substitutes
Aerosols	When sprayed, contents are broken into particles small enough to be inhaled. Cans may explode or burn.	Put only **empty** cans in trash. Do not burn. Do not place in trash compactor.	Store in cool place. Propellant may be flammable. **Instead:** use non-aerosol products.
Batteries: mercury button type	Swallowing one may be fatal if it leaks. *Toxicity 5**	Throw in trash.	No substitutes.
Bleach: chlorine	Fumes irritate eyes. Corrosive to eyes & skin. Poisonous if swallowed. *Toxicity 3**	Use up according to label instructions or give away.	NEVER MIX WITH AMMONIA! **Instead:** use Borax, non-chlorine bleach, sunlight, lemon juice.
Detergent cleaners	All are corrosive to some degree. Eye irritant. *Toxicity 2-4**	Use up according to label instructions or give away. May be diluted & washed down sink.	Liquid dishwashing detergent is mildest, laundry detergent is moderate, automatic dishwasher detergent is harshest. **Instead:** use the mildest product suitable for your needs.
Disinfectants	Eye & skin irritant. Fumes irritating. Poisonous if swallowed. *Toxicity 3-4**	Use up according to label instructions or dilute & pour down sink.	Some may contain bleach, others ammonia — DO NOT MIX! **Instead:** use detergent cleaners whenever possible.
Drain cleaners	Very corrosive. May be fatal if swallowed. Contact with eyes can cause blindness.	Use up according to label instructions or give away.	Prevention best: keep sink strainers in good condition. **Instead:** use plunger, plumber's snake, vinegar & baking soda followed by boiling water.
Flea powders, sprays & shampoos	Moderately to very poisonous. *Toxicity 2-4**	Use up or save for hazardous waste collection day.	DO NOT USE DOG PRODUCTS ON CATS. Vacuum house regularly & thoroughly. Launder pet bedding frequently.
Insect and pest sprays	All are poisonous, some extremely so. May cause damage to kidneys, liver, or central nervous system. Toxicity varies from product to product.	Use up very carefully & according to label instructions. Save for hazardous waste collection day.	**Instead:** do not attract insects: keep all food securely covered, practice good sanitation in kitchen & bathrooms, remove trash every night.
Medicines: unneeded or expired	Frequently cause child poisonings.	Flush down sink or toilet.	Check content of medicine chest regularly. Old medications may lose their effectiveness, but not necessarily their toxicity. No substitutes.
Metal polishes	May be flammable. Mildly to very poisonous.	Use up according to label instructions or give away.	Use only in well-ventilated area. **Instead:** substitute vinegar & salt or use baking soda on

I 358.17
CHEM 2
c 3

18068375

ILLINOIS DOCUMENTS
APR 1 0 1989
ILLINOIS STATE LIBRARY

Chemical Hazards in the Home

Product	Possible Hazards	Disposal Suggestions	Precautions and Substitutes
Aerosols	When sprayed, contents are broken into particles small enough to be inhaled Cans may explode or burn.	Put only **empty** cans in trash. Do **not** burn. Do not place in trash compactor.	Store in cool place. Propellant may be flammable. **Instead:** use non-aerosol products.
Batteries: mercury button type	Swallowing one may be fatal if it leaks. *Toxicity 5**	Throw in trash.	No substitutes.
Bleach: chlorine	Fumes irritate eyes. Corrosive to eyes & skin. Poisonous if swallowed. *Toxicity 3**	Use up according to label instructions or give away.	NEVER MIX WITH AMMONIA! **Instead:** use Borax, non-chlorine bleach, sunlight, lemon juice
Detergent cleaners	All are corrosive to some degree. Eye irritant. *Toxicity 2-4**	Use up according to label instructions or give away May be diluted & washed down sink.	Liquid dishwashing detergent is mildest, laundry detergent is moderate, automatic dishwasher detergent is harshest. **Instead:** use the mildest product suitable for your needs.
Disinfectants	Eye & skin irritant Fumes irritating. Poisonous if swallowed. *Toxicity 3-4**	Use up according to label instructions or dilute & pour down sink.	Some may contain bleach, others ammonia — DO NOT MIX! **Instead:** use detergent cleaners whenever possible.
Drain cleaners	Very corrosive. May be fatal if swallowed. Contact with eyes can cause blindness.	Use up according to label instructions or give away.	Prevention best keep sink strainers in good condition. **Instead:** use plunger, plumber's snake, vinegar & baking soda followed by boiling water
Flea powders, sprays & shampoos	Moderately to very poisonous. *Toxicity 2-4**	Use up or save for hazardous waste collection day	DO NOT USE DOG PRODUCTS ON CATS Vacuum house regularly & thoroughly Launder pet bedding frequently
Insect and pest sprays	All are poisonous, some extremely so May cause damage to kidneys, liver, or central nervous system. Toxicity varies from product to product.	Use up very carefully & according to label instructions. Save for hazardous waste collection day.	**Instead:** do not attract insects: keep all food securely covered, practice good sanitation in kitchen & bathrooms, remove trash every night.
Medicines: unneeded or expired	Frequently cause child poisonings	Flush down sink or toilet.	Check content of medicine chest regularly. Old medications may lose their effectiveness, but not necessarily their toxicity No substitutes.
Metal polishes	May be flammable Mildly to very poisonous. *Toxicity 2-4**	Use up according to label instructions or give away.	Use only in well-ventilated area **Instead:** substitute vinegar & salt or use baking soda on damp sponge.
Mothballs	Some are flammable. Eye & skin irritant, poisonous, may cause anemia in some individuals.	Use up according to label instructions or give away.	Do not use in living areas. Air out clothing and other items before use. Clean items before storage. **Instead:** use cedar shavings or aromatic herbs.
Oven cleaner	Corrosive. Very harmful if swallowed. Irritating vapors. Can damage eyes. *Toxicity 2-4**	Use up according to label instructions or give away. Save for hazardous waste collection day	Do not use aerosols, which can explode and are difficult to control. **Instead:** use paste. Or heat oven to 200 degrees, turn off, leave small dish of ammonia in oven overnight and remove, then wipe oven with damp cloth and baking soda. Do not put baking soda on heating elements.
Toilet bowl cleaner	Corrosive. May be fatal if swallowed *Toxicity 3-4**	Use up according to label instructions or wash down the sink or toilet with lots of water.	Ventilate room **Instead:** use ordinary cleanser or detergent and baking soda.
Window cleaner	Vapor may be irritating. Slightly poisonous. *Toxicity 2**	Use up according to label instructions or give away	Ventilate room. **Instead:** spray on vinegar, then wipe dry with newsprint.
Wood cleaners, polishes, & waxes	Fumes irritating to eyes. Product harmful if swallowed. Eye & skin irritant. Petroleum types are flammable.	Use up according to label instructions or save for hazardous waste collection day.	Do not use aerosols Use only in well-ventilated areas. **Instead:** use lemon oil or beeswax

Format courtesy of Citizens For A Better Environment

***General Toxicity Rating**

	1	2	3	4	5	6
	Almost Non-Toxic	**Slightly Toxic**	**Moderately Toxic**	**Very Toxic**	**Extremely Toxic**	**Super Toxic**
Lethal Dose for 150 lb. Adult	**More than 1 Quart**	**1 Pint to 1 Quart**	**1 Ounce to 1 Pint**	**1 Teaspoon to 1 Ounce**	**7 Drops to 1 Teaspoon**	**Less than 7 Drops**

From Gosselin et al., 1984

For more information
Hazardous Waste Research and Information Center 1-217-333-8940
Illinois Poison Control Center 1-800-252-2022
Illinois Animal Poison Information Center 1-217-333-3611

For more information about recycling motor oil in Champaign County:
Community Recycling Center 1-217-351-4495

Produced by the Illinois Hazardous Waste Research and Information Center (HWRIC)

ENR Illinois Department of Energy and Natural Resources
STATE WATER SURVEY DIVISION

UNIVERSITY OF ILLINOIS-URBANA
3 0112 122589358

HWRIC TN88-008a

HWRIC